

**COMBINED DECLARATION AND POWER OF ATTORNEY**  
(Utility Patent Application)

As a below named inventor, I hereby declare that:

This declaration is of the following type: original

**INVENTORSHIP IDENTIFICATION**

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below), of the subject matter which is claimed and for which a patent is sought on the invention entitled: METHODS FOR FABRICATING LITHOGRAPHY APPARATUS, denoted as AMAT 5264/5380, the specification of which is attached hereto.

**ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR**

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred above.

I acknowledge the duty to disclose information which is material to patentability in accordance with Title 37, Code of Federal Regulations Section 1.56, and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent.

**PRIORITY CLAIM (35 U.S.C. SECTION 119)**

I hereby claim foreign priority benefits under Title 35, US Code, Section 119, of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

<u>Application No.</u>	<u>Country</u>	<u>Filing Date</u>	<u>Priority claimed under 35 USC 119</u>
NONE			

**PRIORITY CLAIM (35 U.S.C. Section 120)**

I hereby claim the benefit under Title 35, United States Code, Section 120, of any United States application(s) or PCT international applications(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose information that is material to the examination of this application, i.e., information where there is substantial likelihood that a reasonable examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT filing date of this application.

<u>Application Serial No.</u>	<u>Filing Date</u>	<u>Patented</u>	<u>Pending</u>	<u>Abandoned</u>
NONE				

## POWER OF ATTORNEY

I/We hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the US patent and trademark office connected therewith: Irwin Ostroff (Reg. No. 26,013), Edward P. Brandeau (Reg. No. 17,789), Michael L. Sherrard (Reg. No. 28,041), Peter J. Sgarbossa (Reg. No. 25,610), Donald Verplancken (Reg. No. 33,217), Lawrence Edleman (Reg. No. 25,225), Michael B. Einschlag (Reg. No. 29,301), Joseph Bach (Reg. No. 37,771), Raymond Kam-On Kwong (Reg. No. 37,165), James C. Wilson (Reg. No. 35,412), Sally Brashears (Reg. No. 38,087), and Robert W. Mulcaly (Reg. No. 25,436).

Direct all correspondence to: Patent Counsel, MS/2061  
Legal Affairs Dept.  
Applied Materials, Inc.  
3050 Bowers Avenue  
Santa Clara, CA 95054

Direct all telephone calls to: (908) 464-0248.

## DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

### First Inventor:

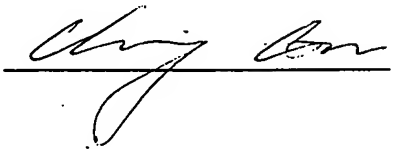
Full name:                      Guo                      Cheng  
   last                      first                      Middle

Post Office Address: 1175 Springfield Avenue  
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Residence Address: 1175 Springfield Avenue  
New Providence, New Jersey 07974

Citizenship: Peoples Republic of China

Date: October 25, 2000

Signature: 

### Second Inventor:

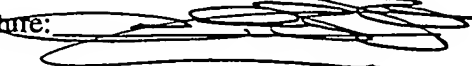
Full name:                      Moffatt                      Stephen  
   last                      first                      Middle

Post Office Address: 2373 Broadway - Apt. 1924  
New York, New York 10024

Residence Address: 2373 Broadway - Apt. 1924  
New York, New York 10024

Citizenship: British

Date: October 25, 2000

Signature: 



5264 ETEC  
UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

FEBRUARY 01, 2001

PTAS

APPLIED MATERIALS, INC.  
PATENT COUNSEL  
P.O.BOX 450-A  
SANTA CLARA CA 95052



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FEB 12 2001

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/27/2000

REEL/FRAME: 011279/0284  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
GUO, CHENG

DOC DATE: 10/25/2000

ASSIGNOR:  
MOFFATT, STEPHEN

DOC DATE: 10/25/2000

ASSIGNEE:  
APPLIED MATERIALS, INC.  
P.O.BOX 450-A  
SANTA CLARA, CALIFORNIA 95052

SERIAL NUMBER: 09898706  
PATENT NUMBER: 698

FILING DATE:  
ISSUE DATE:

JOANN STEWART, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

10/27/00

12-01-2000



U.S. Department of Commerce  
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trade

101534081

or copy thereof.

1. Name of conveying party(ies):

Cheng Guo  
Stephen Moffatt

Date

2. Name and address of receiving party(ies):

Name: Applied Materials, Inc.

Internal Address: P.O. Box 450-A

Street Address:

City: Santa Clara State: CA Zip: 95052

Additional name(s) & address(es) attached? Yes ☒ No

Additional name(s) of conveying party(ies) attached? Yes ☐ No ☒

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Execution Date:

10/25/2000

4. Application number(s) or registration number(s):

AMAT 5264

If this document is being filed together with a new application, the execution date of the application is: October 27, 2000 (Date of Filing)

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes ☐ No ☒

9/698704

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Patent Counsel

Internal Address: APPLIED MATERIALS, INC.

Street Address: P.O. Box 450-A

City: Santa Clara State: CA Zip: 95052

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. 3.41) \$ 40.00

☐ Enclosed

☒ Authorized to be charged to deposit account

50-1074/48084

8. Deposit account number: 50-1074/48084

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

ROBERT W. MULCAHY Reg No. 25,436

Name of Person Signing

Signature

October 27, 2000

Date

Total number of pages including cover sheet, attachments and document: 3

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

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ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors

- |                                  |                           |
|----------------------------------|---------------------------|
| 1. Cheng Guo                     | 2. Stephen Moffatt        |
| 1175 Springfiled Avenue          | 2373 Broadway - Apt. 1924 |
| New Providence, New Jersey 07974 | New York, New York 10024  |

(hereinafter referred to as Assignors), have invented a certain invention entitled:

METHODS FOR FABRICATING LITHOGRAPHY APPARATUS

for which we have executed an application for Letters Patent in the United States on October 25, 2000, and

WHEREAS, Applied Materials, Inc., a corporation of the State of Delaware, having a place of business at 3050 Bowers Avenue, Santa Clara, California 95054 (hereinafter referred to as Assignee), is desirous of acquiring the entire right title and interest in and to said application (hereinafter referred to as Application), and the invention disclosed therein (hereinafter referred to as Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignors to have been received in full from said Assignee:

1. Said Assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a division, substitution, or continuation of said Application: and (d) in and to each and every reissue or extension of any of said Patents.

2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony,

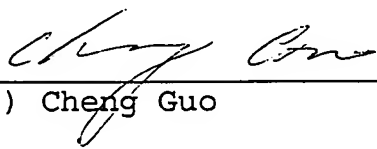
execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed: (b) for prosecuting any of said Patents: (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefor and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and courts actions; provided however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.

3. The term and covenants of this agreement shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.

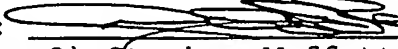
4. Said Assignors, hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

Signed in this 25 day  
of October, 2000

Inventor:   
(Inventor 1) Cheng Guo

Signed in this 25 day  
of October, 2000

Inventor:   
(Inventor 2) Stephen Moffatt